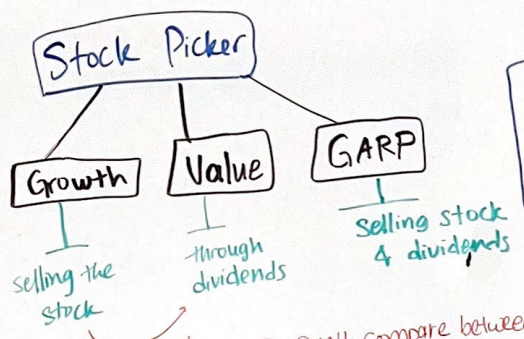① What % of your capital are You willing to lose — the gain

② What is the duration You're willing to wait — gain / risk

③ How much are you planning to get — risk / time
● → how it outputs money

Risk & Reward graph
Can infer from less Questions

limit Qs we ask
boolean variables
multiplier variables

Milestone 2: 16ᵗʰ Feb

Our ToDos:
① make class frameworks
② Complete first class (data loading)
→ sift data & delete columns
→ pull request

Stock Picker

Growth | Value | GARP

Growth → selling the stock
Value → through dividends
GARP → selling stock & dividends

doesn't do this

Ⓐ Can't compare between industries
→ clean / sort per industry
Ask User which industries they're concerned w/
→ Compare within industries
if user is ok w/ any industry
→ choose the best Companies in each industry

high PE → Quality of company

high risk → High equity

mid-risk → 60% equity, 40% fixed income

Safe → bonds / dividends

What makes a company good to invest in?

○ PE
○ EPS
○ Current Ratio & other ratios
○ etc...

allocation amt.

Data loading
+ load all data sets(s)
+ cleaning function
→ columns deleted
→ + returns datasets

Quantitative Analysis
☆ No Graphing!
+ filters (0-1)
→ create combinations (sorts stocks)
+ ranks everything
+ sorts ranks
+ use point system
→ gets highest yield
+ Create algorithm
→ Fourier algorithm
→ finds peaks
→ finds which stocks after filtering
To Search
→ How to divide Percentages
Ⓐ Visualize all functions components!
→ Show how analysis was ran

Data Visualization
+ plot characteristics from all functions

creates more graphs to analyze
→ Analyzing processed data
→ Visualizing the processed data